

ABSTRACT

The invention relates to the nucleic acid sequences of three novel human SGII-related gene variants (SGIIV1, SGIIV2 and SGIIV3) and the polypeptides encoded by SGIIV1, SGIIV2 and SGIIV3.

5 The invention also relates to the process for producing the polypeptides encoded by SGIIV1, SGIIV2 and SGIIV3.

10 The invention further relates to the use of the nucleic acid of SGIIV1, SGIIV2 and SGIIV3 and the polypeptide encoded by SGIIV1, SGIIV2 and SGIIV3 in diagnosing diseases associated with the deficiency of human SGIV genes, in particular SCLC or germ cell tumors.